

Session 7 – Developments in Software and Automation

6 presentations with submitted abstracts

Move towards fuller automation continues:

- Development of visual tracking software with co-boresighted night-time tracking camera and laser allows for quick acquisition at Zimmerwald
- WLRS continues to automate more aspects of the scheduling and tracking process while still emphasizing laser safety
- Demonstration of end-user orbit determination with Kalman filter processing
- Mount Stromlo has managed to maintain efficiency at 95% level vs manual tracking while automating almost all of the tracking process, including post-processing of data
- CPF-2 will replace the CPF-1 format to accommodate the evolving network, with implementation beginning in 2019
- New software is being developed to tell stations and analysts how well stations is meeting ILRS and IAG goals, as well as giving a more realistic and nuanced picture of the network